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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006623

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B64F1/20 F21V17/10 F21V19/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F21V B64F F21S F21P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 920 468 A (NARITA YUICHI) 24 April 1990 (1990-04-24) the whole document -----	1-7
Y	US 5 584 574 A (HADDAD ERIC) 17 December 1996 (1996-12-17) abstract column 3, line 6 - line 47 figures 1-3 -----	1-7
A	US 1 871 205 A (OSCAR WERNER) 9 August 1932 (1932-08-09) page 1, line 37 - page 2, line 74 figure 1 ----- -/-	1, 3, 7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
5 October 2004	15/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 91 651 epo nl. Fax (+31-70) 340-3016	Authorized officer Cosnard, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 3 991 905 A (NICPON JOHN E) 16 November 1976 (1976-11-16) figures 1,4-7 abstract	1-6
A	US 5 988 833 A (GIESE ROBERT D ET AL) 23 November 1999 (1999-11-23) abstract figures 1,8,9,10-,11	1
A	US 4 722 032 A (KULKA FREDERICK C) 26 January 1988 (1988-01-26) abstract figure 1	1

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Information on patent family members

International Application No

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US 5584574	A	17-12-1996	CA	2186825 A1		06-07-1997
US 1871205	A	09-08-1932	NONE			
US 3991905	A	16-11-1976	CA	1049474 A1		27-02-1979
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US 4722032	A	26-01-1988	NONE			